

Kinser, Robin D.

From: Kinser, Robin D.
Sent: Thursday, May 09, 2002 11:33 AM
To: Don Leyden (E-mail)
Cc: Kinser, Robin D.
Subject: a few results

Hi Don--

Congratulations on a safe return to the US! Michael and I are looking forward to hearing your stories of the weeks when email was limited.

I'm taking advantage of your being back in a more email-friendly environment to share a few results with you. Data are arriving, but they come as SAS files, and I don't have SAS. So my access to electronic files is essentially non-existent. I am appending a brief EXCEL file I created from hardcopy output for the biomarkers of exposure which shows some mean and median results and the number of results below the LLOQ. Notice the absence of nicotine data. As I was working on this table, I discovered that Covance had not provided us with the nicotine equivalents data. This was surprising since they had reported a difference between Covance and INBIFO in nicotine equivalent results!! Initial investigation indicates they may not have been doing that calculation correctly. More on that as it develops. . We have not accepted the NNAL + NNAL-gluc validation report so far. The acetonitrile in exhalate results are the subject of further review; the numbers initially seem totally implausible, and I am reminded of Libby's concern when he visited there that they were running gc's and lc's in this one warehouse-sized laboratory, and that there was lot of acetonitrile being used as a mobile phase... Nothing of interest from the biomarkers of effect except the prostacyclins.

Let me know if this comes across without crippling your system, and I'll try for more.

Analyte	Smokers			Non-smokers			
	Result (mean, median)	n	BLQ values included	Result (mean, median)	n	BLQ values included	
Acetonitrile in blood (ng/mL)							
Week 1	312.1, 207	46	1	177.2, 90.6	66	16	
Week 2	380.0, 270.2	45	1	177, 100.6	66	13	
Week 3	574.7, 291.7	43	0	193.9, 124.4	65	10	
Week 6	451.4, 287.5	41	0	229.4, 122.4	66	13	
CO in exhalate			no BLQ values included				
Carboxyhemoglobin (%)							
Week 1	4.4, 4.0	50	1	0.4, 0.3	66	40	
Week 2	4.0, 3.4	49	3	0.4, 0.3	66	47	
Week 3	4.7, 4.0	46	0.5, 0.3	0.5, 0.3	66	38	
Week 6	4.7, 4.1	41	2	0.4, 0.3	66	34	
Nicotine equivalents (mg/24 hr)							
Week 1							
Week 2							
Week 3							
4-ABP-Hb (pg/g Hb)							
Week 1	34.4, 28.9	49	0	7.27, 6.66	66	0	
Week 6	59.01, 38.15	42	0	8.83,7.52	66	0	
3-ABP-Hb (pg/g Hb)							
Week 1	3.80, 2.58	49	2	0.59, 0.50	66	54	
Week 6	5.36, 3.11	42	3	0.59, 0.50	66	60	

Hello to Alice. I'll be really glad to talk to both of you again.

--Robin